

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
2. TITLE PROGRAM PROGRESS REPORT		1. IDENTIFICATION NUMBER DI-MGMT-80555		
3. DESCRIPTION / PURPOSE 3.1 The Program Progress Report provides the Government with the means to evaluate and monitor the progress made by the contractor of tasks in accomplishing the goals established for the program.				
4. APPROVAL DATE (YYMMDD) 880330	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) G/T213	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
7. APPLICATION / INTERRELATIONSHIP 7.1 This data item description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the contract. 7.2 This DID is applicable when the monitoring of the progress of a program is required on a periodic basis. 7.3 This DID supersedes DI-E-5009A, DI-E-5038A, and DI-A-5023.				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS		9b. AMSC NUMBER G4365
10. PREPARATION INSTRUCTIONS 10.1 <u>Format</u> . The Program Progress Report shall be in contractor's format. 10.1.1 <u>Title page</u> . The title page shall contain the following: 10.1.1.1 <u>Title</u> . The title shall identify the subject of the report, program name, or task. 10.1.1.2 <u>Name of contractor</u> . The name of the contractor preparing the report. 10.1.1.3 <u>Contract number</u> . The procurement instrument identification number. 10.1.1.4 <u>Key person</u> . The individual assigned to the task or who produced the report. 10.1.1.5 <u>Reporting Period</u> . The dates the reporting period begins and ends. 10.1.2 <u>Page size</u> . The report shall be on 8 1/2 x 11 inch or metric size A4 paper and typewritten or otherwise duplicated in nonfading ink. 10.2 <u>Content</u> . The report shall contain the following: 10.2.1 <u>Work summary</u> . A brief summary of work performed during the reporting period providing positive or negative comments. (Continued on page 2)				
11. DISTRIBUTION STATEMENT <u>DISTRIBUTION STATEMENT A</u> : Approved for public release; distribution is unlimited.				

Block 10, Preparation Instructions (Continued)

10.2.2 Schedule. A statement as to whether task or program is on schedule and if not, efforts planned to meet schedule shall be explained.

10.2.3 Studies. Discussion of all studies conducted during the reporting period and the results.

10.2.4 Experimental work/test procedures. An explanation of experimental work accomplished, description of test procedures applied (cite applicable military specification, paragraph number and test parameters), results of test and conclusions determined.

10.2.5 Designs. A description and illustration of all designs produced, along with required changes made to a previous design and a brief statement of any problems encountered.

10.2.6 Test equipment. Description, nomenclature and serial number of all test equipments used on the project including appropriate schematic or block diagrams.

10.2.6.1 List the serial number of all equipment(s) subjected to the testing.

10.2.6.2 Provide a brief description of all special test equipment designed or constructed for use on the project including appropriate schematic or block diagrams.

10.2.7 Test performed. Identification and description of all test(s) performed (cite applicable military specification, paragraph number, and test parameters).

10.2.7.1 Provide control settings of the test sample.

10.2.7.2 Resolutions of measurement equipment and range of input signals.

10.2.8 Failures. A brief explanation of any failures associated with test and appropriate, photographs, sketches, etc. to show failures, their causes or other unusual conditions.

10.2.9 Difficulties/problems. Describe any difficulties or problems encountered or which previously existed which could alter the progression of work along with recommendations of resolution.

10.2.10 Plan. Steps followed during execution of tasks.

10.2.11 Completion dates. Projected completion dates for each task.

10.2.12 Percentage. Percentage of task completed to date and percentage of allocated funds expended on tasks.

10.2.13 Additional information. Other information which may cause a significant change in the work schedule.

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
2. TITLE STATUS REPORT		1. IDENTIFICATION NUMBER DI-MGMT- 80368		
3. DESCRIPTION/PURPOSE 3.1 The Status Report documents the status of contractor effort towards achieving contract objectives. It identifies accomplishments to date and difficulties encountered, and compares the status achieved to planned goals and the resources expended. It is used by the Government to monitor and evaluate contractor performance.				
4. APPROVAL DATE (YYMMDD) 870608	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) G/T213	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
7. APPLICATION/INTERRELATIONSHIP 7.1 This data item description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract. 7.2 It is not intended that all the requirements herein should be applied to every program. Portions of this DID are subject to tailoring by deletion depending on the specific status reporting requirements of the project. (Continued on Page 2)				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS	9b. AMSC NUMBER G4130	
10. PREPARATION INSTRUCTIONS 10.1 <u>Format</u> . The Status Report may be in contractor format. 10.1.1 <u>Identification</u> . The data indicated below shall be contained on a title page or on the first page of the report. a. Title/identification of the system/component/program/project. b. Type of report (e.g., monthly, interim, final). c. Period covered by the report. d. Contract number. e. Preparing activity or contractor's title. f. Security classification, when required. g. Distribution Statement 10.1.2 <u>Page size</u> . The report shall be on 8 1/2 by 11 inch (metric A4) paper. 10.2 <u>Content</u> . The report shall contain the following: 10.2.1 <u>Summary</u> . The summary shall include a brief statement of the overall project status, covering the accomplished technical activities and development, objectives of efforts, summary results of efforts, identification of major problems/deficiencies with impact, and recommended solutions. 10.2.2 <u>Body of report</u> . The Status Report shall contain the following items, where applicable: (Continued on Page 2)				
11. DISTRIBUTION STATEMENT <u>DISTRIBUTION STATEMENT A</u> : Approved for public release; distribution is unlimited.				

DI-MGMT-80368

Block 7, Application/Interrelationship (Continued)

7.3 This DID is related to DI-FNCL-80331, Funds and Man-Hour Expenditure Report which can be used in conjunction with this report if Block 10 paragraph 10.2.2.3 below is deleted.

7.4 This data item description supersedes DI-A-5004A, DI-A-5008A, DI-A-5028, and DI-E-5039B.

Block 10, Preparation Instructions (Continued)

10.2.2.1 Milestone/task status. The status of each milestone/task as defined by the statement of work or contract, as applicable:

a. A statement as to whether or not the program/project/task is on schedule; if not, the effort planned to meet the schedule shall be indicated. Include an overall status of each milestone, task, or unit of work. Include updated schedule sheets, milestone charts, or task synopsis sheets identifying phase of task and percentage of completion of each task, technical instruction, or order.

b. A comparison of achieved end-product performance capabilities projected against contract baseline values, requirements, or allocations.

c. Effort expended on each task to date, and a brief description of technical developments and accomplishments.

d. Key dates in any testing program and a description of tests performed and significant test results. If applicable, a description of the amount and type of down time on the equipment or system under test.

e. A list of all designs completed and a brief description of each item. For designs in process, provide estimated dates for design and drawing completion.

f. A narrative of outstanding problems existing as of the previous status report, and their resolution status.

g. New problem areas encountered or anticipated, their effect on the overall work effort/project, and steps being taken to remedy problem situations.

h. Significant results of conferences, trips, or directives from the Contracting officer's representatives.

i. Any other information which may cause significant changes in the program schedule.

10.2.2.2 Future plans. Summary of future plans, recommendations and proposals both for the next reporting period and for any long term plans.

10.2.2.3 Itemized man-hours and costs. Itemized man-hour and cost expenditure incurred for the reporting period by category and task, total contractual expenditures, and funds remaining as of the reporting date.

DI-MGMT-80368

Block 10, Preparation Instructions (Continued)

10.2.2.4 Contract deliveries status. The status of each deliverable end item, including data deliveries, as required by the contract. Provide item and contract identification, shipping/transmittal data; acceptance status, security classification, and scheduled due date information.

10.2.2.5 Report preparer. Name of person(s) preparing report and telephone number(s).

10.2.3 Appendices. Appendices, where applicable, for tables, references, charts, or other descriptive material. Each appendix shall be identified and referenced in the appropriate area of the report.

Page 3 of 3 Pages

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0186	
2. TITLE		1. IDENTIFICATION NUMBER		
Material Status Report		DI-ILSS-80521		
3. DESCRIPTION / PURPOSE				
3.1 The Material Status Report provides status of requisitions of part numbered items. The data is used by logistics personnel to monitor material status at operating sites.				
4. APPROVAL DATE (YYMMDD) 880128		5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) F/AFSPACECOM-LKSP		6a. DTIC REQUIRED
				6b. GIDEP REQUIRED
7. APPLICATION / INTERRELATIONSHIP				
7.1 This Data Item Description contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.				
7.2 The Material Status Report is applicable to operating and maintenance contracts where a contractor processes part number requisitions.				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS		9b. AMSC NUMBER
				F4310
PREPARATION INSTRUCTIONS				
10.1 <u>Format</u> : The report shall be a computer listing in contractor format.				
10.2 <u>Content</u> : The report shall provide the following information:				
10.2.1 <u>Procurement</u> .				
10.2.1.1 Nomenclature, requisition number, part number, quantity, unit of issue, date requisition received, date order placed with vendor, purchase order number, date material shipped, date receipt processed, and unit price.				
10.2.3 <u>Repair action</u> .				
10.2.3.1 Date material turned in, date material received at repair agency, name and address of repair agency, cost of repair, date material shipped from repair agency, and date material received.				
11. DISTRIBUTION STATEMENT				
DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.				

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
1. TITLE		2. IDENTIFICATION NUMBER		
TEST PROCEDURE		DI-NDTI- 80603		
3. DESCRIPTION / PURPOSE				
<p>3.1 The test procedure identifies the step-by-step testing operations to be performed on items under going developmental, qualification, or acceptance testing. It identifies items to be tested, the test equipment and support required, the test conditions to be imposed, the parameters to be measured, and the pass/fail criteria against which the test results</p> <p>(continued on page 2)</p>				
4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
880601	G/T2137			
7. APPLICATION / INTERRELATIONSHIP				
<p>7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the contract.</p> <p>7.2 This DID is applicable to contracts requiring tests to be performed for the purpose of developmental or environmental evaluation, acceptance testing, and item qualification testing.</p> <p>7.3 This DID supersedes DI-T-5248 and DI-T-5301</p>				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS	9b. AMSC NUMBER	
			G4428	
10. PREPARATION INSTRUCTIONS				
<p>10.1 <u>Format Requirements.</u> The test procedure shall be in the contractor's format on 8 1/2 x 11 inch paper. It shall be bound in such a manner that pages may be removed or inserted without damage or mutilation.</p> <p>10.2 <u>Content requirements.</u> The test procedure shall contain the following:</p> <p>10.2.1 <u>Front matter.</u></p> <p>10.2.1.1 <u>Cover and title page.</u> The following information shall be included on the cover and title page:</p> <ul style="list-style-type: none"> a. Date of issue. b. Revision date (If applicable). c. Procedure document identification number. d. Contract number. e. Contractor's name and address. f. Type of procedure, including purpose (e.g., first article test, developmental evaluation, qualification, environmental (specify), acceptance, or other). g. Identification of the system, subsystem, or equipment to be tested. h. Security classification (if applicable) <p>(continued on page 2)</p>				
11. DISTRIBUTION STATEMENT				
DISTRIBUTION STATEMENT A: Approved for public release, distribution is unlimited.				

Block 3. DESCRIPTION/PURPOSE

will be measured. The document is a compilation of individual test procedures for related elements of a system, subsystem, or equipment.

Block 10. PREPARATION INSTRUCTIONS (continued)

10.2.1.2 Record of changes. A record of change pages shall be included to provide for tracking of changes to the test procedures.

10.2.1.3 Table of contents. A table of contents is required when more than one test procedure is included in the test procedures document. It shall identify the page location of each procedure number, procedure title, and related equipment nomenclature.

10.2.2 Body of document. For each test procedure, the following information is required:

10.2.2.1 Procedure number. Each procedure shall have a unique number assigned to it.

10.2.2.2 Title of procedure. The title should relate to the purpose of the test.

10.2.2.3 Introduction. The following shall be addressed in the introduction:

10.2.2.3.1 Purpose of test. (As specified in the contract tasking document.)

10.2.2.3.2 System, subsystem, or equipment to be tested. The following identification information shall be provided:

- a. Nomenclature
- b. Model or part number.
- c. Type of test item (prototype, production item, laboratory model, etc.)
- d. Applicable specification.

10.2.2.3.3 Test requirements. Includes the following, each related to the prescribing contract requirement paragraph (specification, standard, plan, or work statement).

- a. Required tests, and parameters to be measured.
- b. Performance requirements, acceptance or compliance limits, and environmental criteria.

10.2.2.3.4 Referenced documents. A list by title, number, date, and source of those documents cited in the test procedure.

Block 10. PREPARATION INSTRUCTIONS

10.2.2.4 Required test equipment. Includes the following for each piece of test equipment required to perform the procedure:

- a. Nomenclature.
- b. Use of test equipment.
- c. Model Number (if applicable).
- d. Manufacturer (if mandatory).
- e. Accuracy and calibration requirements.
- f. Range or spectrum of measurements required.

10.2.2.5 Table of tests. This table lists each test performed under the procedure in the sequence it is to be performed, identified to the procedure paragraph and the related specification/contract requirement.

10.2.2.6 Step-by-step procedure. The following shall be included for each step of the test procedure:

- a. Test set-up diagrams, including test equipment connections.
- b. Input and output instrumentation points.
- c. Test item operating limits and test conditions to be imposed.
- d. Performance parameters to be measured.
- e. Step-by-step operations to obtain the required data.
- f. Caution and safety warnings as appropriate.

10.2.2.7 Data sheets. Data sheets shall be included with the procedure, or be separately attached at the end of all procedures. They shall provide for:

- a. Identification of item tested, including model and serial numbers.
- b. Recording of test measurements.
- c. Identification of required or objective performance values, with tolerances.
- d. Identification of applicable procedure paragraph.
- e. Date of test.
- f. Signature of technician or inspector performing the tests.

10.2.2.8 Support requirements. Any special support requirements would be included in this section, such as:

- a. Use of special facilities or test ranges.
- b. Personnel requirements (numbers, types, qualifications).
- c. Unusual electrical, hydraulic, pneumatic, etc. requirements.
- d. Support equipment requirements.

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.				
1. TITLE SOURCE/VENDOR LIST			2. IDENTIFICATION NUMBER DI-MGMT-80894	
3. DESCRIPTION/PURPOSE 3.1 To identify a complete listing of all sources used by the prime contractor in procuring any subcontracted item. It is a means for the government to track parts selection, qualification, and identification of parts.				
4. APPROVAL DATE (YYMMDD) 890815	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) G/Y212	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
7. APPLICATION/INTERRELATIONSHIP 7.1 This data item description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract. 7.2 This DID supersedes DI-V-5320A				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS		9b. AMSC NUMBER C4804
10. PREPARATION INSTRUCTIONS 10.1 General. The listing is to be compiled from contractor invoices, purchase orders, etc., and not from existing Government furnished documentation and shall include only contractor, subcontractor, and vendor items. The contractor shall revise this listing throughout the contract to reflect all subsequent changes. 10.2 Format. The listing may be in the contractor's format and shall be listed in alphanumerical order by part number. 10.3 Content. The list shall include the following: a. Part number. The original manufacturer's part number shall be supplied by the subcontractor and vendors. b. Name and address of the original manufacturer. c. Commercial and Government Entity (CAGE) code. d. Specification controlled item (if applicable). The specification control number and the CAGE code shall be included. e. Source controlled item (if applicable). The approved vendors part number and CAGE code shall be included.				
11. DISTRIBUTION STATEMENT <u>DISTRIBUTION STATEMENT A:</u> Approved for public release; distribution is unlimited.				

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.</p>				
1. TITLE		2. IDENTIFICATION NUMBER		
Scientific and Technical Reports		DI-MISC-80711A		
3. DESCRIPTION/PURPOSE				
<p>3.1 Scientific and Technical Reports document and disseminate the precise nature and results of analytical studies, research, development, test and evaluation (RDT&E) on an assigned task(s) to the analytical, scientific, technical and management community. Scientific and Technical Reports, may be definitive for the subject presented, exploratory in nature, or an evaluation of critical subsystem or of technical problems.</p>				
4. APPROVAL DATE (YYYYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
20000121	I/DD	X		
7. APPLICATION/INTERRELATIONSHIP				
<p>7.1 This DID contains the format requirements and preparation instructions for the information product generated by the specific and discrete task requirement as delineated in the contract.</p> <p>7.2 This DID is applicable to the elements, organization and design of technical publications.</p> <p>7.3 This DID supersedes UDI-S-23272C, DI-S-4057, DI-S-3591A, and DI-MISC-80711.</p> <p>7.4 Defense Technical Information Center (DTIC), 8725 John J. Kingman Rd., Ste. 0944, Ft. Belvoir, VA 22060-6218</p>				
8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER		
	SF 298	L7382		
10. PREPARATION INSTRUCTIONS				
<p>10.1 <u>Reference document</u>. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.</p> <p>10.2 Document format shall be in accordance with ANSI/NISO Z39.18 Scientific and Technical Reports -- Elements, Organization, and Design.</p> <p>10.3 Document content shall be clearly written, describe accomplishments and other facts adequately with no technical errors, and be acceptable for release. If marked unclassified, unlimited, they should be accompanied by a letter certifying that the documents have been cleared for public release and sale, to include foreign nationals.</p>				
11. DISTRIBUTION STATEMENT				
Distribution Statement A: Approved for public release; distribution is unlimited.				

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.				
1. TITLE Presentation Material		2. IDENTIFICATION NUMBER DI-ADMN-81373		
3. DESCRIPTION / PURPOSE 3.1 Presentation materials are audiovisual aids, such as viewgraphs, photographs, slides or electronic equivalent. They are used to present information during reviews, briefings, and similar activities involving more than one person.				
4. APPROVAL DATE (YYMMDD) 931001	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) F/ESC/EN-4	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
7. APPLICATION / INTERRELATIONSHIP 7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract. 7.2 This DID may be applied on any acquisition. 7.3 This DID supersedes DI-A-3024A.				
8. APPROVAL LIMITATION	9a. APPLICABLE FORMS		9b. AMSC NUMBER F6970	
10. PREPARATION INSTRUCTIONS 10.1 <u>Format</u> . Contractor format is acceptable, with the exception that the government must approve the use of any contractor insignia, trade names or symbols. Delivery media format shall be defined on the DD Form 1423, Contract Data Requirements List. 10.2 <u>Content</u> . Presentation material shall include a text of any accompanying verbal material unless the verbal portion is included as part of an electronic presentation. In either case the text or audio shall include the following statement: "The publication of this material does not constitute approval by the government of the findings or conclusion herein. Wide distribution or announcement of this material shall not be made without specific approval by the sponsoring government activity."				
11. DISTRIBUTION DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.				

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
1. TITLE Certification/Data Report		2. IDENTIFICATION NUMBER DI-MISC-80678		
3. DESCRIPTION/PURPOSE 3.1 Certification data is required to verify that specific qualifications have been obtained, tests have been performed, parts/assemblies/equipments/systems have been installed, tested, inspected and are ready for operation; that personnel have specific qualifications to perform assignments/operations/inspections; or to certify identity, interchangeability, (Continued on page 2.)				
4. APPROVAL DATE (YYMMDD) 880912	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) N/SEA 5523	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
7. APPLICATION/INTERRELATIONSHIP 7.1 Certification may be required for a single event/operation, or may be required for a specified time period, or certification may be required on a continuing basis with periodic re-certification or updating of the original certification. 7.2 The technical content requirements for this item shall be specified in the contract. When this DID is applied to contracts acquiring items via a military specification prepared in accordance with MIL-STD-961, the necessary detailed technical requirements shall be (Continued on page 2.)				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS		9b. AMSC NUMBER N4533
10. PREPARATION INSTRUCTIONS 10.1 <u>Format</u> . The report shall be typewritten in narrative format on the contractor's form. The report shall cover the type of certification specified in Block 3, "Subtitle," of the CDRL, DD Form 1423. 10.2 <u>Content</u> . The report shall contain the contract number and data item sequence number, and shall contain a statement that specifically identifies the purpose and applicability of this certification. 10.2.1 <u>Certification of completion</u> . Certification that tests have been performed, inspections made, parts/assemblies/equipments/systems have been installed, tested, inspected, and area ready for operation, or that specific qualifications have been obtained shall provide objective evidence in support of the certification. Objective evidence may include such items as spectographs, radiographs, material sampling, analysis, inspection and testing reports, or any other necessary documentation. 10.2.2 <u>Certification of personnel</u> . Certifications that personnel have specific qualifications shall be supported by licenses, permits, tests, statements of competency, or other documentation. The specific capabilities to perform an assignment, inspection, or other operations shall be stated in the certification. 10.2.3 <u>Certification of data reviews</u> . Certifications that documentation/data has been reviewed shall contain a statement of the "depth" of the examination and the results thereof. If the documentation being reviewed cannot be certified, the report shall so state and shall list the reasons, i.e., deficiencies, conflicting data, etc. (Continued on page 2.)				
11. DISTRIBUTION STATEMENT DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.				

Block 3, Description/Purpose (Continued)

compatibility, reliability, or completeness of documentation being prepared or reviewed by a contractor. The technical effort involved will be the result of equipment/procurement specification requirements.

Block 7, Application/Interrelationship (Continued)

prepared as an appendix to the military specification entitled "Certification Data/Report Technical Content Requirements." The appropriate paragraph in block 10 herein, i.e., 10.3.1 or 10.3.2 shall be specified on the DD Form 1423, Contract Data Requirements List (CDRL).

7.3 This DID supersedes UDI-A-23264B.

Block 10, Preparation Instructions (Continued)

10.2.4 Certification of compliance. Certification of compliance to specific specification requirements shall be a statement to the effect that the contractor has complied.

10.3 Technical content.

10.3.1 The technical content shall be in accordance with the appendix entitled "Certification Data/Report Technical Content Requirements," contained in the applicable military specification as stated in the DD Form 1423, Contract Data Requirements List.

10.3.2 The technical content shall be as specified on the DD Form 1423, Contract Data Requirements List.

10.4 Supplemental information. Additional specific material, drawings, sketches, photographs, etc., in support of these certifications shall be as defined in the DD Form 1423.

10.5 Signature. The certification report shall be signed by the contractor's authorized representative responsible for insuring that the equipment being delivered/service being performed is in accordance with contract requirements.

DATA ITEM DESCRIPTION

Title: CONCEPTUAL DESIGN DRAWINGS

Number: DI-SESS-81001B

ASMC Number: A7430

DTIC Applicable:

Office of Primary Responsibility: AR

Applicable Forms:

Approval Date: 20011214

Limitations:

GIDEP Applicable:

Use/relationship: Conceptual design drawings define engineering design concepts.

They are used to reduce technical uncertainty as to whether or not a technology is feasible or a design concept has potential to meet stated requirements.

- a. This Data Item Description (DID) contains the format and content preparation instructions for Conceptual Design Drawings resulting from the work task described in 3.6.1 of MIL-DTL-31000B.
- b. This DID is applicable to acquisitions of military systems, equipment, and components. It is intended for use primarily during the concept demonstration/validation phase of the DoD materiel life-cycle.
- c. It is not intended that all the requirements contained herein should be applied to every program. This DID should be tailored to the minimum data requirements of the applicable contract or purchase order.
- d. This DID supersedes DI-DRPR-81001A, which superseded DI-DRPR-81001.
- e. This DID is related to DI-SESS-81000B, DI-SESS-81002B and DI-SESS-81003B.
- f. A purchased item, as defined by ASME Y14.24, is an item which is sold or traded in the course of conducting normal business operations, is used by commercial industry, or is a specialized version of a supplier's general product line which he routinely customizes. Purchased items as used herein have also been referred to as vendor items or vendor-developed items.

Requirements:

1. Reference Documents. The applicable issue of documents cited herein, including their approval dates and the dates of applicable amendments, notices, and revisions, shall be as cited in the contract.
2. General. Conceptual design drawings shall be in accordance with MIL-DTL-31000B.
3. Format. Drawings shall be in the contractors or Government's format as specified on the TDP Option Selection Work Sheet incorporated into the contract or purchase order.
4. Content. Conceptual design drawings shall document an engineering design concept in detail. These drawings shall indicate whether or not a technology is feasible or the design concept has the potential of meeting stated requirements.

DI-SESS-81001B

5. Selection of drawings. The types of drawings to be prepared will vary according to the complexity of the design concept. The Option Selection Work Sheet incorporated in the contract or purchase order will specify whether the contractor or the Government is responsible for selecting the types of drawings to be used. Associated lists are not required, but may be used if necessary to meet the information content requirements of para 4 above.

6. CAGE code and document numbers. Conceptual Design Drawings will be identified with the contractor's CAGE code and contractor document numbers or with a Government CAGE code and Government document numbers as specified in the Option Selection Work Sheet incorporated in the contract.

DATA ITEM DESCRIPTION

Title: DEVELOPMENTAL DESIGN DRAWINGS AND ASSOCIATED LISTS

Number: DI-SESS-81002B

Approval Date: 20011214

ASMC Number: A7431

Limitation:

DTIC Applicable:

GIDEP Applicable:

Office of Primary Responsibility: AR

Applicable Forms:

Use/relationship: Developmental Design Drawings and Associated Lists define engineering design approaches. They are used to support design analyses and the development of prototype hardware.

- a. This Data Item Description (DID) contains the format and content preparation instructions for Developmental Design Drawings and Associated Lists resulting from the work task described in 3.6.2 of MIL-DTL-31000B.
- b. This DID is applicable to acquisitions of military systems, equipment, and components. It is intended for use primarily during the concept demonstration/validation phase of the DoD materiel life cycle.
- c. It is not intended that all the requirements contained herein should be applied to every program. This DID should be tailored to the minimum data requirements of the applicable contract or purchase order.
- d. This DID supersedes DI-DRPR-81002A, which superseded DI-DRPR-81002.
- e. This DID is related to DI-SESS-81000B, DI-SESS-81001B, and DI-SESS-81003B.

Requirements:

1. Reference Documents. The applicable issue of documents cited herein, including their approval dates and the dates of applicable amendments, notices, and revisions, shall be as cited in the contract.
2. General. Developmental Design Drawings and Associated Lists shall be in accordance with MIL-DTL-31000B and the TDP Option Selection Work Sheet incorporated into the contract.
3. Format. Developmental Design Drawings and Associated Lists shall be in either the contractor's or Government's format as specified on the TDP Option Selection Work Sheet incorporated into the contract or purchase order.
4. Content. Developmental Design Drawings and Associated Lists shall define an engineering design approach in detail. These drawings shall:
 - a. Support the evaluation of the inherent ability of the design approach to meet the stated military requirement and,
 - b. Support the development of prototype hardware, including computer software if applicable, for test or experimentation.

DI-SESS-81002B

- c. Describe any materials or processes, which must be developed as a result of the design approach.
 - d. Identify any unique processes required by the design approach.
5. CAGE code and document numbers. Developmental Design Drawings and Associated Lists shall be identified with the contractor's CAGE code and contractor document numbers or with a Government CAGE code and Government document numbers as specified in the TDP Option Selection Work Sheet incorporated in the contract or purchase order.
6. Selection of drawings. The types of drawings to be prepared will vary according to the complexity of the design approach and may range from simple sketches to complex drawings. The TDP Option Selection Work Sheet incorporated in the contract or purchase order will specify whether the contractor or the Government is responsible for selecting the types of drawings and Associated Lists to be prepared.
7. Control Drawings. Control drawings need not be prepared for vendor items or nonstandard parts.
8. Applicability of Standards. When specified on the TDP Option Selection Work Sheet incorporated into the contract or purchase order, Developmental Design Drawings and Associated Lists shall conform to the requirements of ASME Y14.100, or, if applicable, ASME Y14.100 and Appendices B through E, as required, and ASME Y14.34M.

DATA ITEM DESCRIPTION

Title: PRODUCT DRAWINGS AND ASSOCIATED LISTS

Number: DI-SESS-81000B

Approval Date: 20011214

ASMC Number: A7429

Limitation:

DTIC Applicable:

GIDEP Applicable:

Office of Primary Responsibility: AR

Applicable Forms:

Use/relationship: Product Drawings and Associated Lists provide engineering data to support competitive procurement and maintenance for items interchangeable with the original items. These drawings represent the highest level of design disclosure.

- a. This Data Item Description (DID) contains the format and content preparation instructions for Product Drawings and Associated Lists resulting from the work task described in 3.6.3 of MIL-DTL-31000B.
- b. This DID is applicable to acquisitions of military systems, equipment, and components. It is intended for acquiring drawings and Associated Lists at the end of the Engineering and Manufacturing Development Phase and during subsequent phases of the DoD materiel life cycle.
- c. It is not intended that all the requirements contained herein should be applied to every program. This DID should be tailored to the minimum data requirements of the applicable contract or purchase order.
- d. This DID supersedes DI-DRPR-81000A which superseded DI-DRPR-81000.
- e. *This DID is related to DI-SESS-81001B, DI-SESS-81002B, and DI-SESS-81003B.*
- f. A purchased item, as defined by ASME Y14.24, an item which is sold or traded in the course of conducting normal business operations, is used by commercial industry, or is a specialized version of a supplier's general product line which he routinely customizes. Purchased items as used herein have also been referred to as vendor items or vendor-developed items.

Requirements:

1. Reference Documents, The applicable issue of documents cited herein, including their approval dates and the dates of applicable amendments, notices, and revisions, shall be as cited in the contract.
2. General. Product Drawings and Associated Lists shall meet the requirements of MIL-DTL-31000B. Product Drawings and Associated Lists shall provide the design disclosure information necessary to enable a manufacturer of similar products at the same or similar state of the art to produce and maintain quality control of item(s) so that the resulting physical and functional characteristics duplicate those of the specified item. These drawings shall:
 - a. Reflect the end product at its current level of design maturity.

DI-SESS-81000B

- b. Provide the engineering data for Logistics Support products.
 - c. Provide the necessary data to permit competitive acquisition of the original item(s).
3. Format. Product Drawings and Associated Lists shall be in either the contractor's format or Government's format as specified on the TDP Option Selection Work Sheet incorporated into the contract or purchase order.
4. Content. Product Drawings and Associated Lists shall conform to the requirements of ASME Y14.100, or, if applicable, ASME Y14.100 and Appendices B through E, as required, and ASME Y14.34M. They shall document directly or by reference the following, as applicable:
- a. Details of unique processes, i.e., not published or generally available to industry, when essential to design and manufacture.
 - b. Performance ratings.
 - c. Dimensional and tolerance data.
 - d. Critical manufacturing processes and assembly sequences.
 - e. Toleranced input and output characteristics.
 - f. Diagrams.
 - g. Mechanical and electrical connections.
 - h. Physical characteristics, including form, finishes, and protective coatings.
 - i. Details of material identification, including material condition, and mandatory treatments and coatings.
 - j. Inspection, test and evaluation criteria.
 - k. Equipment calibration requirements.
 - l. Quality assurance requirements.
 - m. Hardware marking requirements.

DI-SESS-81000B

- n. Requirements for reliability, maintainability, environmental conditioning, shock and vibration testing and other operational or functional tests.
 - o. Vendor substantiation data when required by the contract or purchase order.
 - p. Requirements for programming software into devices or assemblies including a description of the input media and the procedures for validating that the software has been installed correctly.
 - q. Special consideration items and processes.
5. Item definition. All parameters required to define each unit, assembly, subassembly, part or material shall be presented on the applicable drawing. This includes data such as:
- a. All necessary mechanical dimensions to fully define fabrication, acceptance, interface or installation of the item depicted.
 - b. All necessary electrical parameters to fully define fabrication, acceptance, interface or installation of the item depicted.
 - c. All other necessary physical parameters to fully define fabrication, acceptance, interface or installation of the item depicted, i.e., weight, pressure, viscosity, etc.
 - d. All necessary environmental conditions which units, assemblies, subassemblies, parts and materials must meet to perform effectively in the end item, such that the end item will meet its specification requirements.
6. CAGE code and document numbers. Product Drawings and Associated Lists shall be identified with *the contractor's CAGE code and contractor document numbers or with a Government CAGE code and document numbers* as specified in the TDP Option Selection Work Sheet incorporated in the contract or purchase order.
7. Selection of drawings. The types of drawings required will vary according to the complexity of the contract end item. The TDP Option Selection Work Sheet incorporated in the contract or purchase order will specify whether the contractor or the Government is responsible for selecting the types of drawings and Associated Lists.
- 7.1. Vendor Item Control Drawings. Vendor Item Control Drawings shall be used to specify the requirements for purchased items (see f, under Use/Relationship) when such items have been approved for use in the design and are used without alteration, selection or source qualification (testing of an item prior to procurement action to ensure that it satisfies the specified requirements).

DI-SESS-81000B

7.2. Source Control Drawings. Source Control Drawings shall be used to specify the requirements for purchased items (see f, under Use/Relationship) only when such items have been approved for use in the design and:

- a. the item is for a critical application and
- b. the requirements can be met by an item from one or more sources and
- c. the application required source qualification (testing of an item prior to procurement action to ensure that it satisfies the specified requirements).

7.3. Standardized Microcircuit Drawings. Standardized Microcircuit Drawings (MIL-HDBK-780) shall be used to specify the requirements of microcircuits.

DATA ITEM DESCRIPTION

Title: COMMERCIAL DRAWINGS AND ASSOCIATED LISTS

Number: DI-SESS-81003B

ASMC Number: A7432

DTIC Applicable:

Office of Primary Responsibility: AR

Applicable Forms:

Use/relationship: Commercial Drawings and Associated Lists define commercial items acquired by the Department of Defense.

Approval Date: 20011214

Limitation:

GIDEP Applicable:

- a. This Data Item Description (DID) contains the format and content preparation instructions for Commercial Drawings and Associated Lists resulting from the work task described in 3.6.4 of MIL-DTL-31000B.
- b. This DID is applicable to acquisitions of military systems, equipment, and components. Its use is limited by the requirements of the Defense Federal Acquisition Regulation Supplement, Subpart 227. Before acquiring Commercial Drawings and Associated Lists, the acquiring activity should evaluate the contractor's drawing package and engineering documentation practices to determine if the data will be satisfactory for the Government's intended uses.
- c. This DID should be tailored to the minimum data requirements of the applicable contract or purchase order.
- d. This DID supersedes DI-DRPR-81003A, which superseded DI-DRPR-81003 and DI-CMAN-80784.
- e. This DID is related to DI-SESS-81000B, DI-SESS-81001B, and DI-SESS-81002B.

Requirements:

1. Reference Documents. The applicable issue of documents cited herein, including their approval dates and the dates of applicable amendments, notices, and revisions, shall be as cited in the contract.
2. General. Commercial Drawings and Associated Lists shall be in accordance with MIL-DTL-31000B and the TDP Option Selection Work Sheet incorporated into the contract or purchase order.
3. Format. Drawings and associated lists shall be in the contractor's or original supplier's format.
4. Content. Commercial Drawings and Associated Lists shall provide sufficient information to permit Government maintenance, modification, and engineering analysis of commercial items.

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Service, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-0402, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. TITLE PROGRAM-UNIQUE SPECIFICATION DOCUMENTS		2. IDENTIFICATION NUMBER DI-SDMP-81493	
3. DESCRIPTION/PURPOSE 3.1 A program-unique specification document contains functional and performance requirements and, where applicable, design solutions for systems, items, software, processes, and materials developed and manufactured for use with a single system, product, or application. Requirements are stated, as applicable, in terms of required results; the environment in which it must operate, interface, and interchange characteristics; materials to be used; how the item is to be fabricated or constructed; and criteria for verifying compliance. Program-unique specification documents are intended for reference in contracts.			
4. APPROVAL DATE (YYMMDD) 950822	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) SO	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
7. APPLICATION/INTERRELATIONSHIP 7.1 This data item description (DID) contains the content and format preparation instructions for program-unique specification documents, and for revisions thereto, described in MIL-STD-961. 7.2 This DID should not be invoked for items used in multiple systems, products, or applications. In multiple application cases, specification documents should be prepared in accordance with DI-SDMP-81464 and DI-SDMP-81465.			

(Continued on Page 2)

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMEC NUMBER D7163
------------------------	----------------------	---------------------------------

10. PREPARATION INSTRUCTIONS

10.1 Reference documents. The applicable issue of the documents cited herein, including their dates, and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.

10.2 Format and content. Format and content for program-unique specification documents, and revisions to program-unique specification documents, shall be in accordance with section 4 and the appendix of MIL-STD-961.

11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

Block 7. Application/Interrelationship (Continued)

7.3 System specifications should not be prepared in accordance with this DID if DI-IPSC-81431 is included in the Contract Data Requirements List (CDRL). Software specifications should not be prepared in accordance with this DID if DI-IPSC-81433, DI-IPSC-81434, and DI-IPSC-81441 are included in the CDRL.

7.4 This DID supersedes DI-E-1104, DI-E-3102A, DI-E-3103A, DI-E-3105, DI-E-3130, DI-E-3131, DI-E-3132, UDI-E-20231A, DI-E-21430A, DI-E-23159A, DI-E-30132, DI-E-30133, and DI-E-30134.